



South Coast Air Quality Management District

Tesoro Wilmington Refinery 2012 Rule 1118 Quarterly Flare Emissions

Emission Target (Includes the combined totals from the Carson and Wilmington facilities)

2012 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)	
	37,031.80	Tesoro, Wilmington
	10.9	Tesoro, Carson
36,051	37,042.70	Total Combined Emissions

Quarter I (January 1, 2012 - March 31, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	11,577,913	9.3	141.3	11.4	60.5	100.2
Total	11,577,913	9.3	141.3	11.4	60.5	100.2

Quarter II (April 1, 2012 - June 30, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	12,793,411	61.9	405.3	249.6	1,459.20	25,368.70
Total	12,793,411	61.9	405.3	249.6	1,459.20	25,368.70

Quarter III (July 1, 2012 - September 30, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	8,897,794	94.7	935.9	319.9	1,849.50	11,547.60
Total	8,897,794	94.7	935.9	319.9	1,849.50	11,547.60

Quarter IV (October 1, 2012 - December 31, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	10,860,355	81.9	1,411.10	77.5	389	15.3
Total	10,860,355	81.9	1,411.10	77.5	389	15.3